

What is claimed:

1. A bayonet latch comprising:
 - a. a rotatable locking member having a slot;
 - b. a stem having a pin; wherein when the locking member is in a first
- 5 position, the pin passes through the slot and when the locking member is in a second position, the pin cannot pass through the slot.
2. The bayonet latch of claim 1 wherein the pin extends laterally outward from the stem.
- 10 3. The bayonet latch of claim 1 wherein the pin has a first member extending laterally outward from the stem and a second member opposite the first member and extending laterally outward from the stem to form a T.
- 15 4. The bayonet latch of claim 1 wherein the first position and the second position are offset from each other.
5. The bayonet latch of claim 1 wherein the first position and the second position are offset from each other 90 degrees.
- 20 6. The bayonet latch of claim 1 further comprising a spring to bias the locking member away from the stem when the locking member is in the second position.
7. The bayonet latch of claim 1 further comprising an indicator provided on the
- 25 locking member to indicate the positional relationship of the slot with respect to the pin.
8. A bayonet latch for a housing having a first housing member and a second housing member comprising:
 - a. a rotatable locking member secured in the first housing member;
 - 30 b. a stem secured from rotation in the second housing member; wherein when the locking member is in a first position, the pin passes through the slot and the

housing members can be joined and when the locking member is in a second position, the pin cannot pass through the slot and the housing members are secured to each other.

- 5 9. The bayonet latch of claim 8 further comprising a spring to bias the locking member away from the stem when the locking member is in the second position.
10. A bayonet latch for a housing comprising:
- 10 a. a first housing member having first side and a second side with a flange provided on the first side to receive a rotatable locking member having a slot;
- b. a second housing member having a first side and a second with a boss provided on the second side to receive a stem having a pin; wherein when the locking member is in a first position and the second side of the first housing member contacts the second side of the second housing member, the pin passes through the slot and
- 15 further wherein when the locking member is rotated to a second position, the second side of the first housing member is held in contact with the second side of the second housing member.
11. The bayonet latch of claim 10 further comprising a spring disposed between the
- 20 flange and the locking member.
12. The bayonet latch of claim 10 wherein the stem is threadably received in the boss.
- 25 13. The bayonet latch of claim 10 wherein the stem has a first member extending laterally outward from the stem and a second member opposite the first member and extending laterally outward from the stem to form a T.
14. The bayonet latch of claim 10 wherein the second position is offset from the first
- 30 position.